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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/387,654	08/31/1999	MICHEL K. BOWMAN-AMUAH	AND1P275	2844

29838 7590 11/18/2005

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EXAMINER

FISHER, MICHAEL J

ART UNIT	PAPER NUMBER
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3629

DATE MAILED: 11/18/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 09/387,654	Applicant(s) BOWMAN-AMUAH, MICHEL K.	
	Examiner Michael J. Fisher	Art Unit 3629	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 15 August 2005.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-18 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-18 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Rejections - 35 USC § 103

The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.

Claims 1-18 are rejected under 35 U.S.C. 103(a) as being unpatentable over Grewal et al. (Grewal) in view of Nordstrom et al. (Nordstrom).

As to claims 1,2,13 and 14, Grewal discloses a system for batching information (claim 1) that batches messages (in different queues, Linkset-1, Linkset-0 as discussed in the abstract), which messages could be a group of business objects as the system could be used by a business, the messages are distributed according to a protocol (last sentence of abstract) and further, the system correlates information about the messages and delivers them according to the protocols, (message number or timer threshold as discussed in the abstract).

Grewal doesn't, however, teach batching the files into logically related requests so as to send a single network message with a parent batch and a dependent batch or verifying that the various messages do not change in response to a change of another message.

It would have been obvious to one of ordinary skill in the art to modify the structure as disclosed by Grewal by making sure that changes to one message do not change another message to ensure that incorrect messages are not sent.

Nordstrom discloses an interrupt and message batching method (title), that would inherently have a parent batch and a dependent batch as Nordstrom discloses batching messages together (claim 1).

It would have been obvious to one of ordinary skill in the art to modify the system as disclosed by Grewal by batching messages as Grewal discloses holding messages in queue until a message number threshold is reached (abstract).

As to claims 3 and 15, Grewal further discloses batching logically related requests, as discussed in relation to the various Linksets, unbundling them upon receipt (claim 1, message distribution), and further, it would be inherent that the messages would have an action associated with them and that they would be responded to.

As to claims 4 and 16, Grewal discloses providing a group of business objects necessary for a transaction (the reason for the messages), creates a receiver that communicates with the business objects (the service controller), and the messages would inherently be forwarded to the recipient intended.

As to claims 5 and 17, Grewal discloses grouping the messages according to parameters (for transmission over the various Linksets), using different weighting criteria (message number or timer threshold) and batching them into a message.

As to claims 6 and 18, Grewal discloses using the system in order to avoid interference between messages (abstract), the limitations of claim 6 are further well-known in the art as "queuing theory" and are used in any time-specific project that has interlocking steps, some of which are required before the next step can be done.

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As to claims 7-11, Grewal discloses using a computer for the process and therefore it would inherently use code to achieve the process, further, it would be inherent that the batch requests would be unbundled so as to be able to be read.

As to claim 12, the message would be changed upon completion of the task assigned.

Response to Arguments

Applicant's arguments filed 8/19/05 have been fully considered but they are not persuasive. As to arguments in relation to the language of the claims, the message would contain the "common business object". As the instant application places an emphasis on 'batching' it is considered that the Grewal reference, which has an emphasis on balancing a traffic load of messages, would be analogous. As to the inclusion of the Nordstrom reference, it is merely used to teach that batching messages is old and well known in the art.

Conclusion

THIS ACTION IS MADE FINAL. Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any

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extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

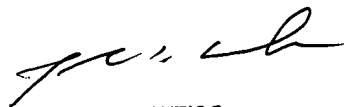
Any inquiry concerning this communication or earlier communications from the examiner should be directed to Michael J. Fisher whose telephone number is 571-272-6804. The examiner can normally be reached on Mon.-Fri. 7:30am-5:00pm alt Fri. off.

The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

MF 

11/14/05


JOHN G. WEISS
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TECHNOLOGY CENTER 3600